

COMMITTEE:

Dr. Reimann, Chmm.
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TOBACCO INDUSTRY RESEARCH COMMITTEE

150 East Forty Second Street
New York 17, New York

APPLICATION FOR RESEARCH GRANT

Date: MARCH 9, 1962

1. Name of Investigator: WILLIAM M. TUTTLE, M. D.
2. Title: SURGEON
3. Institution & Address: Harper Hospital
3825 Brush Street
Detroit 1, Michigan
4. Project or Subject: STUDY OF ROUNDED PULMONARY CARCINOMAS
5. Detailed Plan of Procedure:

It has long been noted that rounded pulmonary carcinomas arising in the periphery of the lung demonstrate certain peculiarities not observed in other types of pulmonary carcinomas.

They are often very slow in their growth, thus giving rise to a sense of false security on the part of the attending physician.

The cell type tends toward undifferentiation and, in women, a good percentage of carcinomas arising in this area are adenocarcinomas. In elderly men, squamous cell carcinomas in this position are not infrequent.

It has likewise been noted that carcinomas of the adeno type seen in this area are associated not infrequently with previous pulmonary scarring.

It is our desire to study this type of pulmonary tumor from the standpoint of its histology, of its association with scarring, and to further lend the study to the problem of growth.

In order that this may be accomplished, a relatively goodly series of tumors must be studied. It is our feeling that we have the material to carry out this work, using a relatively large series of cases at Harper Hospital and at Herman Kiefer Hospital, both of these institutions being located in Detroit.

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To carry forth this study, certain sums will be needed to cover the following items:

1. A secretary who has had certain clinical experience to aid in the evaluation of the charts.
2. The cost and upkeep of a work room at Harper Hospital, the room being furnished by the hospital, thus necessitating that the funds for research be used only in the maintenance of the room.
3. Supplies in the way of ordinary office supplies, including a typewrite.

Further aid will be needed in the evaluation of the X-rays by a Roentgenologist, a re-study of the slides on the pathologic specimens by a competent pathologist, and a resident in Thoracic Surgery who can aid in the evaluation of the charts and histories. These will be furnished without cost to the fund by the staff of Harper Hospital and in the person of a resident who is now on a research grant from Herman Kiefer Hospital.

It is felt that such a study will give us a new outlook on the so-called peripheral tumor. It may be of immense aid in evaluating the present treatment and the life history of such tumors. It is the desire that funds being allocated for this purpose be made to Harper Hospital, Detroit, Michigan, who will keep the books and return such amounts as are unused.

In view of the fact that such a study may take over a period of one year to complete, we are asking for a grant of \$10,000.

6. <u>Budget Plan:</u>	a. Salaries	\$7,550.00
	b. Expendable Supplies	800.00
	c. Permanent Equipment	160.00
	d. Overhead (15% of a,b, e)	1,283.00
	e. Other	200.00
		<u>\$9,993.00</u>

7. Anticipated Duration of Work: ONE YEAR to EIGHTEEN MONTHS
(Budget shown is for the whole period)

8. Facilities and Staff Available:

The Harper Hospital will furnish a room. The cooperation of a roentgenologist, a pathologist and of a resident in thoracic surgery will be furnished without cost by the Harper Hospital, for evaluation of charts and histories. A resident now being supported by a grant from Herman Kiefer Hospital will also be available without cost.

9. Additional Requirements: One typewriter, a secretary with special experience and training to aid in the evaluation of the charts. Ordinary office supplies, x-ray materials and upkeep of facilities and premises.

Signature WILLIAM M. TUTTLE, M. D.
Director of Project

A.R.W. CLIMIE
Business officer of the Institution
(for John R. McDonald M.D.
Director of Laboratories and Research
Harper Hospital)

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